

IN THE
UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s): Kelly J. Reasoner, Gregg S. Schmidtke

Confirmation No.:

Application No.:

Examiner:

Filing Date:

Group Art Unit:

Title: Electrical-Optical Signal Conversion for Automated Storage Systems

Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

This Information Disclosure Statement is submitted:

- (X) under 37 CFR 1.97(b), or
(Within three months of filing national application; or date of entry of national application; or before mailing date of first office action on the merits; whichever occurs last)
- () under 37 CFR 1.97(c) together with either a:
() Statement under 37 CFR 1.97(e), or
() a \$180.00 fee under 37 CFR 1.17(p), or
(After the CFR 1.97 (b) time period, but before final action or notice of allowance, whichever occurs first)
- () under 37 CFR 1.97 (d) together with a:
() Statement under 37 CFR 1.97(e)(1) or (2), and
() a \$180.00 fee set forth in 37 CFR 1.17(p).
(Filed after final action, a notice of allowance, on or before payment of the issue fee)

Please charge to Deposit Account **08-2025** the sum of \$0.00 . At any time during the pendency of this application, please charge any fees required or credit any overpayment to Deposit Account **08-2025** pursuant to 37 CFR 1.25.

(X) Applicant(s) submit herewith Form PTO 1449 - Information Disclosure Statement together with any required copies of patents, publications or other information of which applicant(s) are aware, which applicant(s) believe(s) may be material to the examination of this application and for which there may be a duty to disclose in accordance with 37 CFR 1.56.

() A concise explanation of the relevance of foreign language patents, foreign language publications and other foreign language information listed on PTO Form 1449, as presently understood by the individuals(s) designated in 37 CFR 1.56 (c) most knowledgeable about the content is given on the attached sheet, or where a foreign language patent is cited in a search report or other action by a foreign patent office in a counterpart foreign application, an English language version of the search report or action which indicates the degree of relevance found by the foreign office is listed on form PTO 1449 and is enclosed herewith.

It is requested that the information disclosed herein be made of record in this application.

"Express Mail" label no. **EV436702987US**

Date of Deposit **March 18, 2004**

I hereby certify that this is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to: Commissioner for Patents, Alexandria, VA 22313-1450.

By

Typed Name: **Hope A. Charles**

Respectfully submitted,

Kelly J. Reasoner, Gregg S. Schmidtke

By



Mark D. Trenner

Attorney/Agent for Applicant(s)
Reg. No. **43,961**

Date: **March 18, 2004**

FORM PTO-1449

LIST OF PATENTS AND PUBLICATIONS FOR
APPLICANT'S INFORMATION DISCLOSURE
STATEMENT

(Use several sheets if necessary)

ATTY. DOCKET NO.

200312160-1

APPLICATION NO.

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Kelly J Reasoner, Gregg S Schmidtke

FILING DATE

GROUP

REFERENCE DESIGNATION

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	PUBLICATION DATE	NAME	Pages, Columns, Lines Where Relevant Passages or Figures Appear
	1A	10/303,415	n/a	Curtis C. Ballard	
	1B	10/717,794	n/a	Schmidtke et al	
	1C	6,400,730	06-04-2002	Latif et al	
	1D	6,567,413	05-20-2003	Denton et al	
	1E	6,650,803	11-18-2003	Ramaswami et al	
	1F	6,626,588	09-30-2003	Sasai et al	
	1G	2002/0089715	07-11-2002	Mesh et al	
	1H	5,041,924	08-20-1991	Blackborow et al	
	1I	6,607,344	08-19-2003	Ostwald	
	1J	5,687,039	11-11-1997	Coffin et al	
	1K	6,570,735	05-27-2003	Coffin et al	

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	PUBLICATION DATE	NAME OF PATENTEE OR APPLICANT	Pages/Columns/Lines Where Relevant Passages/Figures Appear	Check if Translation attached
	1L					
	1M					
	1N					
	1O					
	1P					

OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

	1Q	
	1R	
	1S	

EXAMINER

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	2A	6,549,358	04-15-2003	Billy et al	
	2B	6,476,999	11-05-2002	Meikle et al	
	2C	6,469,850	10-22-2002	Luffel et al	
	2D	5,999,500	12-07-1999	Mueller	
	2E				
	2F				
	2G				
	2H				
	2I				
	2J				
	2K				

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